

## DL 2623 ABSOLUTE VALUE GENERATOR

Absolute value circuit used primarily for inverting the analog input signal in reversible converters, triggered via a switching logic.

Technical features:

Power supply:

-15 V/0 V/+15 V

Input signal range  $U_i$ :

-10 V . . . + 10 V

Adjustable gain: 0 . . . 1

Inverting control input:

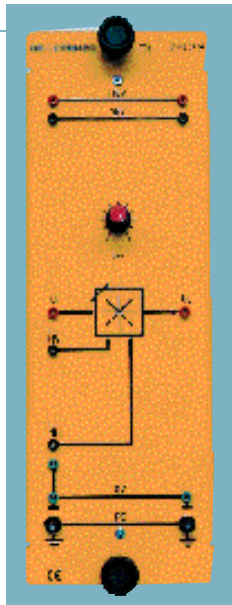
$U_{INV} = 0$  V: the input signal is inverted

$U_{INV} = 15$  V or disconnected: the input signal is not inverted

Inhibit voltage:

$U_{INH} = 0$  V: the output signal is zero

$U_{INH} = 15$  V (open): the absolute value circuit is active



## DL 2624 ADAPTIVE PI CONTROLLER

Double compact PI controller for use as current controller in dc servo drives.

Technical features:

Power supply:

-15 V/0 V/+15 V

Input summing point for two different reference variables  $U_R$  and  $U_C$  and one controlled variable  $U_A$ .

Signal voltage range:

-10 V . . . + 10 V

Continuously adjustable parameters of the two controllers:

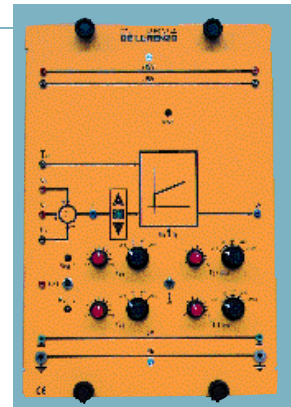
proportional gain  $K_p = 0 . . . 1000$

integral action time

$T_I = 0.2$  ms . . . 20 s

Integral element reset by switch or via external signal.

Regulator selection by switch or via external signal.



## DL 2625 MATCHING AMPLIFIER

Amplifier as matching element between signal voltage levels and standard voltages used in automatic control systems.

Technical features:

Power supply:

-15 V/0 V/+15 V

Input signal range  $U_i$ :

-50 V . . . + 50 V

Coarse and fine gain setting:

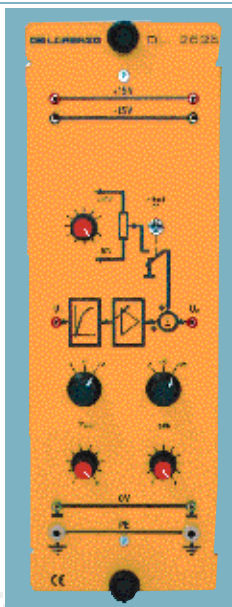
0 ÷ 1/0 ÷ 10/0 ÷ 100

Connectable low pass filter with coarse and fine time constant setting:

0 / 1 ÷ 10 ms / 10 ÷ 100 ms

Connectable output offset voltage:

-10 V . . . +10 V



## DL 2626 MAINS TRANSFORMER

Three-phase transformer able to supply single and three-phase voltages as well as

a rectified voltage for the excitation of the dc machines.

Technical features:

Power supply: three-phase from mains

Protection through three-pole magnetothermal switch.

Three pilot lamps for signalling the mains voltage.

AC output through isolation transformer:

3 x 90 V/1.5 A with 3 intermediate sockets at 45 V

DC output, non isolated from mains:

1 x 220 V/1 A, switch with pilot lamp and magnetothermal protection 1 A

